I CLAIM:

1. A method of enabling a multiple point measurement of the properties of a moving product, said method including:

   (i) Providing at least one source of light (as herein defined);

   (ii) Providing a tracking means adapted to track a respective one of said products during movement thereof so that characteristics of said product may be determined using light reflected from and/or transmitted by said product during its movement.

2. A method as claimed in claim 1 wherein the said tracking means includes an oscillating mirror assembly to follow said product during its movement so as to direct and/or receive light reflected it and/or transmitted it by the product to an analysing means.

3. A method as claimed in claim 1 where said tracking means includes a light switching means and multiple collectors provided along the path of movement of the product.

4. A method as claimed in 2 wherein said mirror assembly includes a plurality of mirrors rotatable about a common axis to enable the movement of the products to be followed.

5. A method as claimed in claim 1 including a plurality of said sources of light adapted to enable a sequential tracking of a particular said product.

6. A method as claimed in claim 1 including a single source of light and a switching means adapted to enable said single source of light to provide multiple light sources adapted to track the movement of the product.

7. A method as claimed in claim 1 wherein the products are adapted to be rotated during their movement.

8. An apparatus for tracking of moving products during grading including:

   (i) At least one source of light (as herein defined);

   (ii) Tracking means to track a respective product during movement thereof;

   (iii) Analysing means to receive light reflected and/or transmitted from the respective product to analyse the characteristics thereof.

9. Apparatus as claimed in claim 8 wherein said tracking means includes a mirror system which enables a mirror or a respective mirror to direct and/or receive light onto/from a respective product during its movement.

10. Apparatus as claimed in claim 9 wherein said mirror system includes an oscillating mirror assembly to follow said product during its movement so as to direct and/or receive light reflected and/or transmitted by the product to said analysing means.

11. Apparatus as claimed in claim 8 wherein said tracking means includes a plurality of mirrors rotatable about a common axis to enable the movement of the products to be followed.

12. Apparatus as claimed in claim 11 including a single said source of light and further includes switching means operatively connected with said source of light to effectively provide a plurality of sources of light to illuminate one of said products as it moves.

13. Apparatus as claimed in claim 8 wherein said tracking means includes a light switching means and multiple collectors provided along the path of movement of the product.

14. Apparatus as claimed in claim 8 including a plurality of said sources of light to sequentially direct light onto a particular product as it moves relative to a particular source of light.